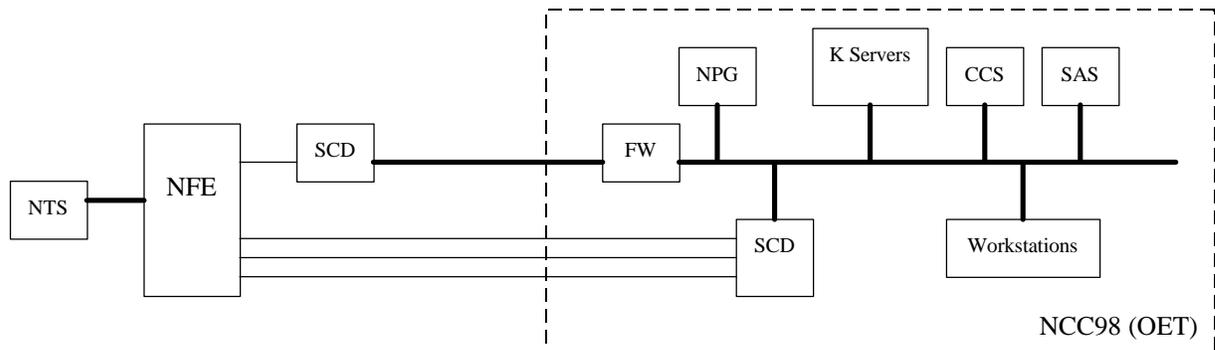


Title: FA Scheduling Database Activities

Objectives:

- Verify ability to Add, Modify, and Delete a SGLT Resource Availability
- Verify ability to Add, Modify, and Delete a TDRS Resource Availability
- Verify ability to Add, Modify, and Delete TDRS Resource Schedulable Characteristics
- Verify ability to Add, Modify, and Delete a TDRS Sets
- Verify ability to Add, Modify, Copy, and Delete SSCs
- Verify ability to Add, Modify, Copy, and Delete PEs
- Verify ability to Modify a Customer’s Schedule Distribution List
- Verify ability to Modify Mission Priorities
- Verify ability to Edit Scheduling Control Information including:
 - Wait List Processing
 - Absolute and Relative Boundaries
 - Automatic and Batch Scheduling
 - Alert Periods
- Verify ability to View, Create, Activate, Delete, Rearrange, and Restore a Scheduling Priorities List
- Characterize effectiveness, usability, and timeliness of new SPSR tools
- Train SO and fill out skills catalogs and Training Event Reports (TERs)
- Document Verification



Prerequisites:

- NSIA will configure system as pictured above.
- Operator will review the SPSR User’s Guide.
- All test and operator accounts are set up.
- Copy of current static database is present, and if not a static migration is performed.
- NSIA will take a database backup.

Data Source:

N/A

Ops Scenario: (Italicized steps are performed by NSIA, all others are performed by the operator.)

1. Review the SGLT Resource Availability's
2. Modify a SGLT Resource Availability
3. Delete that Availability.
4. Add the original Availability back into the database.
5. Verify all changes were made.

6. Review the TDRS Resource Availability
7. Modify a TDRS Resource Availability
8. Delete that Availability.
9. Add the original Availability back into the database.
10. Verify all changes were made.

11. Review the TDRS Schedulable Characteristic
12. Modify a TDRS Schedulable Characteristic
13. Delete that Characteristic.
14. Add the original Characteristic back into the database.
15. Verify all changes were made.

16. Review the current list of TDRS Sets.
17. Select a Set and add a member to it.
18. Remove a member from the Set.
19. Delete the Set.
20. Add the original Set back into the database.

21. Review an SSC.
22. Copy that SSC to a new one.
23. Modify the new SSC.
24. Add an SSC.
25. Delete the new SSCs.

26. Repeat steps 21-25 for a PE.

27. Review and Modify a customer's Schedule Distribution List.

28. Review and Modify the Mission Priorities List.

29. Review the Scheduling Control Information.
30. Set the Wait list Processing Controls.
31. Reset the absolute and relative boundaries.
32. Reset the current batch boundary and active period end.
33. Reset the Alert Period Parameters.

34. Review the Scheduling Priorities Lists.
35. Create a new List.
36. Activate that List.
37. Rearrange the new List.
38. Restore the default List.
39. Delete the new List.

41. *Restore the database from backup.*

Roles and Responsibilities:

DRAFT

FA:

- Perform all the above steps to insure all functions are operable.

NSIA:

- One NSIA engineer required.
- Configure system.
- Perform all italicized steps in test case.
- Observe/assist FA in completion of all activities.

DOCS:

- Checkout redlined versions of the following documents:
 - NCC-LOP-002 OPM-59 Message Processing
 - NCC-LOP-006 OPM-54 WSC Scheduling Request Message Processing
 - SU-FA-LOP-001 Scheduling SHOS for the WSC MRT
 - SU-FA-LOP-002 Disabling the Forecast Position
 - SU-FA-LOP-003 Scheduling GRTS Events in the Forecast Period

DOCS:

- Checkout redlined version of the following documents:
 - 532-HB-NCC/SO Scheduling Handbook (Forecast Section).
 - 532-UG-NCC/SPS-1&2 SPS 1&2 User's Guide
 - 532-UG-NCC/SPS-3 SPS-3 (DT&T) User's Guide

Estimated Run Time:

4 hours prep time (to include shadow time)*

4 hours run time

Written By: George Kellenbenz